MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

NOVEMBER, 1927

J. A. BROWN, DIRECTOR

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NOVEMBER 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	761.9	761.9	763.0	762.3	25.9	21.4		4.5	
2	2.0	0.6	0.1	0.9	25.8	20.0		5.3	0.76
3	758.2	756.2	756.7	757.0	25.3	17.2		0.3	8.89
4	6.2	4.9	5.0	5.4	23.3	18.3		7.0	4.32
5	7.0	8.7	760.1	8.6	19.4	17.5		8.5	11 17
6	762.6	762.4	763.8	762.9	23.9	16.9		8.7	
7	5.9	5.8	6.1	5.9	23.9	18.4		9.0	
8	6.9	5.1	4.9	5.6	29.2	16.1		9.0	
9	3.3	0.9	0.3	1.5	28.8	20.7		8.5	
10	759.1	757.9	759.9	759.0	26.7	21.9		7.2	
11	760.6	760.8	761.1	760.8	27.8	20.1		7.8	1.27
12	2.0	3.3	1.7	2.3	25.0	19.4		9.5	
13	5.9	5.1	5.7	5.6	24.9	19.5		9.9	
14	6.2	4.3	4.3	4.9	24.0	19.4		8.5	
15	4.4	2.9	3.7	3.7	24.5	20.0		9.0	
16	763.8	761.7	762.6	762.7	24.4	19.4		8 7	
17	3.0	2.3	2.7	2.7	24.5	19.5		0.0	
18	3.1	2.8	4.0	3.3	24.3	19.4		6.4	5.33
19	6.1	5.3	5.4	5.6	23.3	17.8		9.2	
20	7.1	5.9	6.7	6.6	21.7	15.6		9.3	
21	767.6	766.8	766.8	767.1	21.1	16.7		9.4	
22	4.7	4.1	4.1	4 3	21.7	16.4		9.4	
23	4.4	3.3	4.4	4.0	22.2	17.3		9.0	
24	6.4	5.4	6.0	5.6	21.9	16.8		8.6	
25	6.0	3.8	3.4	4.4	22.7	17.1		9.0	
26	766.0	763.5	764.5	764.7	21.9	17.8		8.8	
27	4.0	1.8	2.0	2.6	22.2	16.2		6.6	
28	2.7	2.5	3.1	2.8	20.6	15.6		5.6	
29	4.3	2.4	3.8	3.2	19.4	15.5		4.5	
30	5.4	4.1	5.0	4.8	17.3	11.1		8.9	
	763 76	762.35	763.03	763.03	23.55	17.97		7.54	1.06

BAROMETER

Maximum 767.6 on 21st

Minimum 755.0 on 4th

THERMOMETER

Maximum 29.2 on 8th

Minimum 11.1 on 30th

RAINFALL

Maximum 11.17 on 5th

Number of days with rain 6, fog 6, thunderstorms 0, gales 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	24.3	23.9	21.4	23.2	21.8	20.7	19.6	17.6	15.7	15.7	16.3	78	71	83	77
2	24.5	20.6	20.0	21.7	20.7	18.9	17.8	15.2	14.9	13.3	14.5	67	83	79	76
3	19.1	22.8	18.9	20.3	17.3	19.3	17.2	13.5	14.3	13.3	13.7	82	69	82	78
4	18.3	18.4	18.9	18.5	16.7	16.7	16.5	13.1	12.9	11.4	12.5	84	82	66	77
5	22.2	18.2	18.3	19.6	17.7	16.2	16.1	12.1	12.3	12.1	12.2	60	80	78	73
6	22.2	23.3	20.6	22.6	20.2	19.6	18.3	16.1	14.3	14.0	14.8	81	67	78	75
7	23.4	23.9	20.0	22.4	19.0	20.0	17.2	13.7	14.6	12.7	13.7	63	66	73	67
8	23.1	23.6	21.4	22.4	18.9	19.7	18.9	13.4	14.4	14.5	14.1	64	66	75	68
9	24.7	25.1	23.2	24.3	17.7	20.2	20.0	11.0	14.2	15.0	13.4	48	59	71	59
10	26.9	24.9	23.3	25.0	16.7	20.7	20.1	9.0	14.9	15.1	13.0	34	64	70	56
11	25.1	24.0	21.2	23.4	20.6	20.5	18.3	14.8	15.4	13.7	14.6	62	69	72	68
12	23 8	24.1	22.2	23.4	20.3	21.3	19.3	15.1	16.8	14.6	15.5	68	75	72	72
13	23.9	23.9	21.2	23.0	19.9	21.0	19.5	14.6	16.3	15.6	15.5	66	73	82	74
14	23.3	23.9	22.2	23.1	20.3	21.3	20.8	15.5	16.8	17.2	16.2	72	76	87	78
15	22.8	23,8	21.3	22.6	20.6	21.0	20.6	16.4	16.4	17.4	16.7	80	74	92	82
16	23.3	24.2	21.2	22.9	21.6	22.1	16.6	17.0	18.2	11.1	15.4	80	81	60	74
17	23.4	24.1	23.6	23.7	19.7	21.2	19.3	14.4	16.6	13.8	14.9	68	74	63	68
18	20.6	22.2	20.1	21.0	18.4	16.7	15.6	14.2	11.6	10.9	12.2	78	57	60	65
19	21.2	20.9	17.9	20.0	16.7	15.4	13.9	11.4	10.0	9.5	10.3	61	53	62	59
20	20.4	20.2	19.7	20.1	15.6	15.7	15.5	10.3	10.6	10.7	10.5	57	60	62	60
21	20.3	21.2	20.2	20.6	15.6	16.0	19.2	10.4	10.5	15.9	12.3	58	56	92	69
22	21.0	21.3	20.6	21.0	16.3	17.2	17.3	10.9	12.0	12.5	11.8	58	63	69	63
23	21.1	21.5	20.6	21.1	16.4	16.6	15.5	11.0	10.4	10.2	10.5	59	55	56	57
24	21.0	21.5	18.6	20.4	15 3	15.4	15.0	9.9	9.7	10.6	10.1	52	50	67	56
25	21.2	23.2	18.4	20.9	16.1	17.7	16.1	10.6	11.8	12.1	11.5	56	56	78	63
26	21.2	21.5	19.4	20.7	16.0	15.5	14.4	10.6	9.7	10.0	10.1	57	50	59	55
27	20.0	20.2	18.2	19.7	15.0	14.6	14.5	9.9	9.3	9.3	9.5	56	52	60	56
28	18.9	17.8	16.7	17.8	14.5	12.8	11.5	9.7	8.3	7.5	8.5	60	55	53	56
29	15.9	16.7	14.3	15.6	11.7	10.5	8.9	8.0	6.6	6.3	6.3	59	47	54	53
30	14.1	14.2	12.8	13.4	7.3	8.9	7.3	5.1	6.2	5.2	5.5	39	51	47	46
31															
	21.70	21.84	19.84	21.13	17.47	17.70	16.70	12.48	12.85	12.37	12.56	64.2	64.5	70.0	66.0

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	6str.cu	6str.ni	8ni	6.7	1s	2w	1se	167.3	mod.	
2	6str.cu	10ni	8ni	8.0	1e	1w	1s	76.1	light	
3	10ni	7str.cu	9str.ni	8.7	0	0	0	113.6	calm	
4	10ni	10ni	8str.ni	9.3	2w	1se	1ne	165.9	slight	
5	1str.cu	10ni	4str.cu	5.0	0	2w	1	106.2	,,	
6	1	3str.cu	0	1.3	0	1w	0	82.0	mod.	haze in mor.
7	0	1	0	0.3	0	0	0	39.9	calm	,, ,,
8	0	0	0	0.0	0	0	0	59.4	,,	
9	1	2	2	1.7	0	1n	1n	270.7	mod.	
10	0	5	8str.ni	4.3	2se	2ne	2n	229.3	,,	
11	2	3str.cu	3str.cu	2.7	1ne	1ne	1ne	285.4	slight	
12	5ci str	5str.cu	1	3.7	1se	1nw	0	40.4	calm	
13	0	1	1	0.7	0	1nw	0	44 5	,,	haze in after
14	1	1	0	0.7	0	1nw	1n	153.5	mod.	
15	8str	2str	0	3.3	0	1n	0	214.0	calm	haze in mor.
16	8str	1str	0	3.0	0	0	0	21.9	,,	
17	1	3str.cu	0	1.3	0	1w	0	31.6	,,	
18	9ni	8ni	2	6.3	4w	4w	3w	252.7	rough	
19	4str.cu	9str.ni	2str.	5.0	1w	2w	1n	248.4	slight	
20	1	0	0	0.3	0	2n	2n	157.1	mod.	
21	1	2	0	1.0	1n	2ne	3n	311.4	slight	
22	1	2ci cu	1str.	1.3	2ne	2ne	1n	245.1	mod.	
23	0	3str.	0	1.0	2n	1nw	2n	344.3	,,	
24	2str	0	0	0.7	0	1n	0	171.7	calm	
25	3str.cu	2str	0	1.7	0	0	0	48.3	,,	haze all day
26	1str	1	0	0.7	0	2n	3n	368.2	slight	haze all day
27	1cu	4str.cu	3str.	2.7	0	1w	0	162.5	calm	
28	6str.cu	8str.ni	3str.ni	5.7	1w	1se	4e	228.3	slight	
29	10ni	10ni	4ci str	8.0	6e	6ne	7n	947.3	v. rough	
30	1	5	1str	1.3	5n	4n	3n	846.7	rough	
				3.21				212.46		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	2	2	2	1	0	4	0	16
:30	6	5	0	2	0	0	8	4	5
8.30	11	2	1	1	1	1	1	0	12
Totals	20	9	3	5	2	1	13	4	33

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.